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15 October 2003

INTELLECTUAL PROPERTY LAW

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- ☐ U.S. Postal Service
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Mail Stop: Patent Application

Commissioner for Patents
Alexandria, VA 22313-1450

Attorney Docket: P56897

Sir:

Submitted herewith is the following patent application:

Inventor: 1) MEE-AE RYU
2) HUN-YOUNG KIM
3) JOONG-WOO NAM

Title: FIELD EMISSION DISPLAY INCLUDING ELECTRON
EMISSION SOURCE FORMED IN MULTI-LAYER
STRUCTURE

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 9 sheets, Figures 1 through 16

Claim of priority under 35 U.S.C. §119: YES

** The Republic Of Korea Application No. 2002-84160 filed on 26 December 2002.

FEE (see formula below): CHECKS ARE ENCLOSED (#44872 & #44873)

Basic Fee \$385/770	\$770.00
Additional Fees:	
Total number of claims in excess of 20: <u>18</u> times \$9/18 .	\$324.00
Number of independent claims in excess of 3: <u>4</u> times \$43/86	\$344.00
Multiple Dependent Claims \$145/290	\$0.00
An Assignment is likewise enclosed: Recording Fee \$40 . .	\$40.00
Filing Non-English specification	\$0.00
TOTAL FEES FOR THE ABOVE APPLICATION	\$1,478.00

17548 U.S. PTO
10/684520
10/15/03

Commissioner for Patents
15 October 2003
Page Two

Docket No.: P56897

Inventor: 1) MEE-AE RYU
 2) HUN-YOUNG KIM
 3) JOONG-WOO NAM

Title: FIELD EMISSION DISPLAY INCLUDING ELECTRON
 EMISSION SOURCE FORMED IN MULTI-LAYER
 STRUCTURE


Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell
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Washington, D.C. 20005

Respectfully submitted,



Robert E. Bushnell
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REB/sb

Patent fees are subject to annual revision.

C mplete If Known

To be Assigned

15 October 2003

MEE-AE RYU et al.

To be Assigned

To be Assigned

(\$) 1,478.00

P56897

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity
<p>1. Revenue Recognition</p> <p>Revenue is recognized when it is realized or realizable and earned. This is generally when the performance obligation is satisfied.</p>	<p>1. Revenue Recognition</p> <p>Revenue is recognized when it is realized or realizable and earned. This is generally when the performance obligation is satisfied.</p>
<p>2. Expense Recognition</p> <p>Expenses are recognized when they are incurred, regardless of when cash is paid.</p>	<p>2. Expense Recognition</p> <p>Expenses are recognized when they are incurred, regardless of when cash is paid.</p>
<p>3. Asset Recognition</p> <p>An asset is recognized when it is probable that future economic benefits will flow to the entity and its cost can be measured reliably.</p>	<p>3. Asset Recognition</p> <p>An asset is recognized when it is probable that future economic benefits will flow to the entity and its cost can be measured reliably.</p>
<p>4. Liability Recognition</p> <p>A liability is recognized when it is probable that a future sacrifice of resources will be made by the entity and its amount can be measured reliably.</p>	<p>4. Liability Recognition</p> <p>A liability is recognized when it is probable that a future sacrifice of resources will be made by the entity and its amount can be measured reliably.</p>
<p>5. Equity Recognition</p> <p>Equity is the residual interest in the assets of the entity after deducting all liabilities.</p>	<p>5. Equity Recognition</p> <p>Equity is the residual interest in the assets of the entity after deducting all liabilities.</p>

Fee	Fee	Fee	Fee	Fee Description	Fee Paid
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1051	130	2051	65	Surcharge-late filing fee or oath	,	\$
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1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	\$
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(CHECK #44872 & #44873)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Cost of Sales	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.
3. Impairment of Intangible Assets	Intangible assets are tested for impairment annually, or more frequently if there are indicators of impairment. If an impairment loss is identified, it is recognized in the income statement.	Intangible assets are tested for impairment annually, or more frequently if there are indicators of impairment. If an impairment loss is identified, it is recognized in the income statement.
4. Goodwill Impairment	Goodwill is tested for impairment annually, or more frequently if there are indicators of impairment. If an impairment loss is identified, it is recognized in the income statement.	Goodwill is tested for impairment annually, or more frequently if there are indicators of impairment. If an impairment loss is identified, it is recognized in the income statement.
5. Lease Accounting	Leases are classified as either finance leases or operating leases. Finance leases are accounted for as if the lessee has purchased the asset, while operating leases are accounted for as if the lessee is renting the asset.	Leases are classified as either finance leases or operating leases. Finance leases are accounted for as if the lessee has purchased the asset, while operating leases are accounted for as if the lessee is renting the asset.
6. Share-Based Compensation	Share-based compensation is measured at the fair value of the equity instrument at the time of the grant, and it is recognized as an expense over the vesting period.	Share-based compensation is measured at the fair value of the equity instrument at the time of the grant, and it is recognized as an expense over the vesting period.
7. Financial Instruments	Financial instruments are classified as either debt or equity, and they are measured at fair value. Changes in fair value are recognized in the income statement.	Financial instruments are classified as either debt or equity, and they are measured at fair value. Changes in fair value are recognized in the income statement.
8. Provisions and Contingencies	Provisions and contingencies are recognized when there is a liability or asset that is probable and can be measured reliably. They are measured at the best estimate of the amount required to settle the liability or the amount that can be received.	Provisions and contingencies are recognized when there is a liability or asset that is probable and can be measured reliably. They are measured at the best estimate of the amount required to settle the liability or the amount that can be received.
9. Related Party Transactions	Related party transactions are disclosed in the financial statements, and they are accounted for as if they were transactions with unrelated parties.	Related party transactions are disclosed in the financial statements, and they are accounted for as if they were transactions with unrelated parties.
10. Financial Reporting	Financial statements are prepared in accordance with the requirements of the applicable financial reporting framework, and they are audited by an independent auditor.	Financial statements are prepared in accordance with the requirements of the applicable financial reporting framework, and they are audited by an independent auditor.

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	\$770.00
1002	340	2002	170	Design filing fee	\$
1003	530	2003	265	Plant filing fee	\$
1004	770	2004	385	Reissue filing fee	\$
1005	160	2005	80	Provisional filing fee	\$

SUBTOTAL (1) (\$) 770.00

2. EXTRA CLAIM FEES

				Extra Claims		Fee from below		Fee Paid
Total claims	38	-20** =	18	x		\$18.00	=	\$324.00
Independent Claims	7	- 3** =	4	x		\$86.00	=	\$344.00

Multiple Dependent

**** or number previously paid, if greater. For Reissues, see below**

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Expense Recognition	Expenses are recognized when the related asset is consumed or the liability is incurred.	Expenses are recognized when the related asset is consumed or the liability is incurred.
3. Asset Recognition	Assets are recognized when they are acquired and have a measurable value.	Assets are recognized when they are acquired and have a measurable value.
4. Liability Recognition	Liabilities are recognized when they are incurred and have a measurable value.	Liabilities are recognized when they are incurred and have a measurable value.
5. Equity Recognition	Equity is recognized when it is contributed by the owners or generated by the company's operations.	Equity is recognized when it is contributed by the owners or generated by the company's operations.

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1201	86	2201	43	Independent claims in excess of 3
1202	18	2202	9	Claims in excess of 20
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue Independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 668.00

**** Reduced by Basic Filing Fee Paid**

SUBTOTAL (3)	\$40.00
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SUBMITTED BY _____

C mple te (if applicable)

Robert E. Bushnell, Esq.

Req. Number

27.774

Signature

Date _____

15 October 2003

[illegible]